

# Notice of Allowability

Application No.

09/937,468

Examiner

Christopher E. Lee

Applicant(s)

HEIGHWAY ET AL.

Art Unit

2112

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the After Final Amendment filed on 30<sup>th</sup> of March 2006.
2. ☒ The allowed claim(s) is/are 2, 3, 8, 13, 14, 20, 25 and 27.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☒ All    b) ☐ Some\*    c) ☐ None    of the:
    1. ☒ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
    - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
      - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
    - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

## Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date \_\_\_\_\_
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_

Christopher E. Lee  
Patent Examiner  
Art Unit: 2112

*Christopher E. Lee*

## DETAILED ACTION

### *Receipt Acknowledgement*

1. Receipt is acknowledged of the Amendment After Final filed on 30<sup>th</sup> of March 2006. Claims 2, 8, 13, and 20 have been amended; claims 1, 4-7, 9-12, 15-19, 21-24, and 26 have been canceled; and no claim has been newly added since the RCE Final Office Action was mailed on 5<sup>th</sup> of December 2005. The amendment places the Application in condition for allowance by way of canceling all the finally rejected claims, and further, rewriting the claims 2, 8, 13, and 20 having been objected to as being dependent upon a rejected base claim in independent form including all of the limitations of the base claim and any intervening claims, and thus this amendment is entered. Currently, claims 2, 3, 8, 13, 14, 20, 25, and 27 are pending in this Application.

### *Allowable Subject Matter*

2. Claims 2, 3, 8, 13, 14, 20, 25, and 27 are allowed.
3. The following is an examiner's statement of reasons for allowance:

With respect to claims 2, 8, 13, and 20, the claim limitations of the respective claims 2, 8, 13, and 20 are deemed allowable over the prior art of record as the prior art fails to teach or suggest that updating (transferring) said comparison value in said data header in said special register when said useful data in data blocks are written to said buffer memory, and copying said updated data header to said buffer memory at a next free location for a data packet in said buffer memory.

The claim 3 is a dependent claim of the claim 2.

The claim 14 is a dependent claim of the claim 13.

With respect to claim 25, the claim limitations are deemed allowable over the prior art of record as the prior art fails to teach or suggest that a memory management unit transfers a counter reading of the data block counter after the counting of the data blocks of said one of said data packets to the isochronous data format header stored in the special register, and copies the isochronous data format header that has

been updated in this way in the special register to the buffer memory at the beginning of the next free location for said one of said data packets.

With respect to claim 27, the claim limitations are deemed allowable over the prior art of record as the prior art fails to teach or suggest that a data block counter transfers a count in said data block counter to said data header stored in said special register, and further wherein said count in said special register is copied to said buffer memory at a next free location.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

### *Conclusion*

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Christopher E. Lee whose telephone number is 571-272-3637. The examiner can normally be reached on 9:30am - 5:30pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Rehana Perveen can be reached on 571-272-3676. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

CEL/

Christopher E. Lee  
Patent Examiner  
Art Unit 2112

